PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2003

Application or Docket Number

091276016

•	-	CLAIMS AS	FILED -	PART				SMALL EN	ITITY		OTHER	THAN
	•		(Column	1)	(Colur	mn 2)	1	TYPE [\supset	OR	SMALL	ENTITY
то	TAL CLAIMS	25						RATE	FEE		RATE	FEE
FO	 ₹		NUMBER F	ILED	NUMB	ER EXTRA		EASIC FEE	395.00	OR	BASIC FEE	770.0
TO	TAL CHARGEA	BLE CLAIMS	mini	ıs 20=	•			XS 9=		OR	X\$18=	
IND	EPENDENT CL	AIMS 5	min	ius 3 =	•			X43=		OR	X86=	
MU	LTIPLE DEPEN	DENT CLAIM PF	RESENT					+145=		OR	+290=	
* 1f	the difference	in column 1 is l	ess than ze	ro, enter	"0" in c	olumn 2		TOTAL		OR	TOTAL	
	Cl	_AIMS AS A	MENDED	- PAR		(Column 3))	SMALL	ENTITY	OR	OTHER SMALL	
NTA		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		HIGH NUM PREVIO	EST BER DUSLY	PRESENT		RATE	ADDI- T ЮNAL FEE		RATE	ADD TION, FEE
DME	Total	· 18	Minus	• 0	25	=		X\$ 9=		OR	X\$18=	
AMENDMENT	Independent	. 4	Minus	5	>	=		X43=		OR	X86=	
[]	FIRST PRESE	NTATION OF ME	ULTIPLE DEP	ENDEN.	T CLAIM	<u> </u>]	4145=		0=	-290=	
								TOTAL		OR	TOTAL ADDIT, FEE	
		10		(Colum	mn 3)	(Column 3	3	ADDIT, FEE	<u></u>	2	A0011.1 22	
_		(Column 1) CLAIMS		(Colu	HEST	(Colonini S	ή .		ADDI-	1		ADD
NT B		REMAINING AFTER AMENDMENT		PREVI	BER OUSLY FOR	PRESENT EXTRA		RATE	TIONAL FEE		RATE	TION FEE
AMENDMENT	Total	•	Minus	**		=		X\$ 9=		OR	X\$18=	
MEN	Independent	*	Minus	***	- 0: 4:14]=	4	X43=	i	OR	X86=	
	FIRST PRESE	NTATION OF M	JLTIPLE DEP	ENDEN	CLAIM			+145=		OR	+290=	
Ì								TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	
		10 1 11		(Calu	mn 3)	(Column 3		ADDIT. FEE				
 	,	(Column 1) CLAIMS			mn 2) HEST	Column	ή.		ADDI-	1		ADI
AMENDMENT C		REMAINING AFTER AMENDMENT		PREV	ABER OUSLY FOR	PRESENT EXTRA		RATE	TIONAL		RATE	TION FE
OME	Total	•	Minus	••		=	_	XS 9=		OR	X\$18=	
MEN	Independent	•	Minus	***		=		X43=		OR	X86=	
	FIRST PRESE	NTATION OF M	ULTIPLE DE	PENDEN	T CLAIN	1	لـ	.145		1		
1						aluma 2		+145=		OR	TOTAL	
	Historia No	imn 1 is less than t imber Previously P	aid For IN TH	IS SPACE	is less th	an 20, enter 2	20.*	TOTAL ADDIT, FEE		OR	ADDIT. FEE	
-		imber Previously F nber Previously Pa	ソー・イ ゲーグ はしてい	IC CDACE	. W IDEE IN	an tenier t				ox in c	olumn 1.	



Patent and Trade : Office
ASSISTANT SEC RY OF COMMERCE AND TOUR COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

NOTICE OF FILING/CLAIM FEE(S) DUE TO ENSURE PROPER CREDIT OF FEES, PLEASE RETURN A COPY OF THIS FEE CALCULATION SHEET WITH YOUR RESPONSE.

APPLICATION NUMBER: _	09276016
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FORM OIPE-RAM-01 (Rev. 5/97)

·		Total Fee	Calculat	ion		
	Fee Code	Total # Claims	Number Extra	X Fœ	Fee =	<u>Total</u>
_	Sm/Lg	e e e e e e e e e e e e e e e e e e e		Sm. Entity	Lg Entity	1000
Basic Filing Fæ	201/101	W 7		•	26 23117	NOW
Total Claims >20	203/103	20 , -20 =				KOW
Independent Claims >3	202/102	_5 _3=				
Mult. Dep Claim Present	204/104					1520
Surcharge	205/105	- '				
English Translation	139	·			 .	Boil
TOTAL FEE CALCULA	MOTTA					
Fees due upon filing th	ne application:					1.046ce
Total Filing Fees Due	= 3	w4to.co				. - :
Less Filing Fees Submi	itted - \$					
BALANCE DUE						•
ZIZARCE DUE	= \$ _/	1046.00				
13. We	Yonke	ノ		•		
Office of Initial Patent 1	Examination					
-	• .	- _				_

Application or Docket Number

بنسيب	C	(Column 1)	(Colu		SMALL TYPE	ENTITY	OR	OTHER SMALL	
FO	R	NUMBER FILED	NUMBER 8	EXTRA	RATE	FEE		RATE	FEE
BAS	SIC FEE				5.00	345.00	OR		690.00
10.	TAL CLAIMS	minus 2	0= . ~~		X\$ 9=		OR	X\$18=	
IND	EPENDENT CLAIM	nis 3 minus	3=		X39=		OR	X78=	
MUI	TIPLE DEPENDE	NT CLAIM PRESENT		+130=		OR	+260=		
• If 1	the difference in o	column 1 is less than ze	TOTAL	·	OR	TOTAL	190		
		IMS AS AMENDED Column 1)	SMALL	ENTITY	OR	OTHER SMALL			
ENT A		CLAIMS REMAINING AFTER MENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
AMENDMENT	Total ": •	Minus	· 25	=	X\$ 9=		OR	X\$18=] ()
AME	Independent •	ATION OF MULTIPLE DEP	PENDENT CLAIM	=	X39=		OR	X78=	
H	TINOT FREDERIN	ATION OF MOETH EE DE	ENDERT COAIM		+130=		OR	+260=	
					TOTAL ADDIT, FEE		OR	TOTAL ADDIT: FEE	
	(Column 1)	(Column 2)	(Column 3)		•			
ENT B		CLAIMS REMAINING AFTER MENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
MENDMENT	Total •	2 Minus	- 20	= /	X\$ 9=		OR	X\$18=	18
AME	Independent •	ATION OF MULTIPLE DEF	PENDENT CLAIM		X39=		OR	X78=	
H	11000				+130=		OR	+260=	
					TOTAL ADDIT. FEE		OR	TOTAL ADDIT, FEE	18
		Column 1)	(Column 2)	(Column 3)		•			
AMENDMENT C		CLAIMS REMAINING AFTER MENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
Ş	Total •	Minus	••	= .	X\$ 9=		OR	X\$18=	
ME	Independent •	Minus	***	= .	X39=			X78=	
4	FIRST PRESENT	ATION OF MULTIPLE DEF	ENDENT CLAIM		//60-		OR		
١.,	i the enterior	t le loss than the saturals calls	man 2 marita 200 in an	homa 3	+130=		OR	+260=	
:	If the "Highest Number If the "Highest Number	1 is less than the Intry in colu er Previously Paid For IN THIS er Previously Paid For IN THI	S SPACE is less that S SPACE is less that	ın 20, enter "20." ın 3, enter "3."	AUDIT. FEE			TOTAL ADDIT. FEE	
1	The "Highest Number	r Previously Paid For (Total or	Independent) is the	highest number	r found in the ap	propriate box	in col	umn 1.	•

Application or Docket Number

PATENT APPLICATION FEE DETERMINATION RECORD

Effective November 10, 1998

		CLAI		S FILED (Column 1)		(Column	1 2)	_	SMALL TYPE	ENTITY	OR	OTHER	
F	OR		NUMB	ER FILED		BER EX		-	RATE	FEE	7	RATE	FEE
BA	ASIC FEE						,			380.00	OR		760.00
TOTAL CLAIMS 20= *									X\$ 9=		OR	X\$18=	
INI	DEPENDENT C	,		X39=		OR	X78=	Ball					
MULTIPLE DEPENDENT CLAIM PRESENT									+130=		OR	+260=	754
* If	the difference	nn 1 is	less than z	L	OTAL		OR	TOTAL	9140				
	C	LAIMS	AS A	MENDE	D - PART I	II						OTHER	
CLAIMS AS AMENDED - PART II (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST									MALL	ENTITY	OR	SMALL	ENTITY
AMENDMENT A			INING		NUMBER PREVIOUS PAID FOI	R P	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
NDN	Total	· 2	5	Minus	- 20	=	5	,	X\$ 9=		OR	X\$18=	900
AME	Independent		5	Minus	*** 5	=		;	X39=		OR	X78=	
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM										OR	+260=	
			, , ,	400	TOTAL		OR	TOTAL ADDIT. FEE	9190 p				
		(Colui	mn 1)		(Column	2) (C	olumn 3)	AUL	DIT. FEE	'	•	ADDII. FEEI	,
AMENDMENT B		CLA REMA AFT AMEND	INING ER		HIGHEST NUMBER PREVIOUS PAID FOR	T R P SLY	RESENT EXTRA	F	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
NON	Total	* /	8	Minus	* 25	=		×	(\$ 9=		OR	X\$18=	
AME	Independent FIRST PRESE	AOITATIO	JOE MI	Minus	PENDENT CI	= AIM		>	(39=		OR	X78=	-
			1(0) 111		ENDENT OF	-71141		-	130=		OR	+260=	
								ADD	TOTAL IT. FEE		OR ,	TOTAL ADDIT. FEE	
		(Colur			(Column :		olumn 3)						
ENIC		CLAI REMAI AFTI AMEND	NING ER		HIGHEST NUMBER PREVIOUS PAID FOR	LY P	RESENT EXTRA	R	ATE-	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
AMENDMEN	Total	*		Minus	**	=		X	\$ 9=		OR	X\$18=	
	Independent	*		Minus	***	=		X	39=		t	X78=	
	FIRST PRESE	NTATION	OF MU	JLTIPLE DEF	PENDENT CL	AIM		⊢ ^		1	OR		
* H	f the entry in colur	mn 1 is les	s than th	e entry in colu	mn 2. write "0"	in column	3.	Ĺ	30=		OR	+260=	
***	f the "Highest Nur f the "Highest Nur The "Highest Num	mber Previ mber Previ	ously Pa iously Pa	id For IN THI aid For IN THI	S SPACE is les S SPACE is les	s than 20, is than 3,	, enter "20." enter "3."	ADD	TOTAL IT. FEE	ropriate boy		TOTAL DDIT. FEE	

	Application or Docket Number													
	PATENT APPLICATION FEE DETERMINEN RECORD										09/	1	14 <i>0</i> 11	6
<u></u>	Ш	<u></u>								L		-		
1	CLAIMS AS FILED - PART I (Column 1) (Column 2)									WALL I	ENTITY	OR	OTHER SMALL S	
FO	A		1	NUMBE		T	NUMBER EXTRA			ATE	FEE		RATE	FEE
BASIC FEE											\$ 35.5	OR		\$7.40
TO	TAL CL	AIMS		25	minus 2	ž0= -	5			(\$ 9=	45	OR	X\$18=	7
INDEPENDENT CLAIMS # 2								2	404	84	OR	×841=		
MU	LTIPLE	DEPEN	DENT (CLAIM PR	RESENT					13 5 =		OR	280=	
* If	the dif	ference	in colu	ımın 1 is l	ess than ze	ro, er	nter "0" in c	olumn 2	<u> </u>	OTAL		OR	TOTAL	
			•		MENDED	:					Evizan .	-	OTHER	
		· ·	(Colu	umn 1)		(Co	olumn 2)	(Column 3)	-SI	nALL	ENTITY	OR 1 I	SMALLE	
MTA			REM. AF	AIMS AINING FTER NDMENT		. N PRI	IIGHEST IUMBER EVIOUSLY PAID FOR	PRESENT EXTRA	F	ATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
AMENDMENT A	Total		*		Minus	**	· · · · · · · ·	=	×	\$ 9=		OR	X\$18=	
MEN	,	endent	* .		Minus	***		=	×	(40=		OR	x84=	
	FIRST	PRESE	NTATIC	ON OF MU	JLTIPLE DEF	PEND	ENT CLAIM			13£ -		OR	280-	
ł										35 = TOTAL	 		TOTAL	
									ADC	IT. FEE	L	OR	ADDIT. FEE	l:
_				umn 1)	e:		olumn 2)	(Column 3)	,		40	, ,	•	ADD:
DMENT B			REM AF	AIMS IAINING FTER NOMENT		PR	HIGHEST NUMBER NEVIOUSLY PAID FOR	PRESENT EXTRA	R	ATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
OME	Total	• .			Minus	**		=	X	\$ 9=	<u> </u>	OR	X\$18=	
AMEN	<u>`</u>	endent	*		Minus	***		=	×	(40=		OR	XB4	
۷	FIRST	PRESE	NTATIC	ON OF MU	JLTIPLE DE	PEND	ENT CLAIM					1	.064	
										135=		OR	+280= TOTAL	
		~	da							TOTAL IT. FEE		OR	ADDIT. FEE	
			(Col	umn 1)			olumn 2)	(Column 3)						
AMENDMENT C			CL REM A	AIMS IAINING FTER NDMENT		N PR	HIGHEST NUMBER LEVIOUSLY PAID FOR	PRESENT	R	ATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
1DM	Total		4		Minus	44			X	\$ 9=		OR	X\$18=	
ME		endent	•		Minus	***		=	X	40=		OR	X84	!
٩	FIRS'	T PRESE	NTATIO	ON OF MU	JLTIPLE DE	PEND	ENT CLAIM				 	1		
								1		135=		OR	+280	
-	If the "H	Cohest Nu	mber Pr	eviousty Pa	ald For IN THE	is spa	write "0" in co VCE is less tha	an 20, enter 720.	ADD	TOTAL (T. FEE		OR	TOTAL ADOIT, FEE	
-	MI that Th	دراية عمم كماك	-bar Dr	roudou seba Da	ald East IN TH	IC CDA	ACE is loss tha	en 3, enter "3." e highest number			propriate bo	x in co	ilumn 1.	•